



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

											April 2004
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm		
<u>KANSAS, Southeast</u>											
Butler County Augusta	20	1444CST			0	0				Hail(0.75)	
Butler County 6 S Augusta	20	1455CST			0	0				Hail(0.75)	
Greenwood County 3 W Eureka	20	1550CST			0	0				Hail(0.88)	
Harper County 1 N Anthony	23	0630CST			0	0	15K			Thunderstorm Wind (EG56)	
Roof blown off a barn. (Narrative courtesy Anthony Republican.)											
Harper County 2 E Anthony	23	0633CST			0	0				Hail(0.75)	
Harper County 1 N Freeport	23	0645CST			0	1				Lightning	
Girl, 16 years old, struck while showering. Victim was transported to Anthony Hospital where she was listed in stable condition. No indications of damage. (Narrative courtesy of Wichita Eagle.)											
Harper County 2 E Anthony	23	0646CST			0	0				Hail(0.75)	
Sumner County 7 S Argonia	23	0652CST			0	0				Hail(1.00)	
Sumner County 3 S Milan	23	0708CST			0	0				Hail(1.25)	
Sumner County Mayfield	23	0716CST			0	0				Hail(0.75)	
Kingman County 1 N Zenda	23	0723CST			0	0				Hail(0.75)	
Sumner County 2 W Mayfield	23	0723CST			0	0				Hail(1.00)	
Sumner County 2 NE Mayfield	23	0726CST			0	0				Hail(1.00)	
Sumner County 1 W Oxford	23	0726CST			0	0				Hail(1.00)	
Sumner County Wellington	23	0726CST			0	0				Hail(1.00)	
Sumner County 1 W Wellington	23	0726CST			0	0				Hail(1.00)	
Sumner County Wellington	23	0726CST			0	0				Hail(0.88)	
Sumner County Wellington	23	0726CST			0	0				Hail(1.25)	
Dents in unspecified number of vehicles and homes.											
Sumner County 1 N Wellington	23	0734CST			0	0				Hail(1.75)	
Sumner County 1 N Wellington	23	0740CST			0	0				Hail(1.00)	
Cowley County 2 NE Udall	23	0809CST			0	0				Hail(0.75)	



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property		Character of Storm
					Killed	Injured	Crops			
<u>KANSAS, Southeast</u>										
Cowley County										
8 N Winfield	23	0809CST			0	0				Hail(1.00)
Cowley County										
8 N Winfield	23	0819CST			0	0				Hail(1.00)
Cowley County										
6 N Winfield	23	0823CST			0	0				Hail(1.00)
Sedgwick County										
2 SW Goddard	23	0830CST			0	0				Hail(1.75)
Cowley County										
12 NE Winfield	23	0832CST			0	0				Hail(1.00)
Sedgwick County										
5 SE Goddard	23	0836CST			0	0				Hail(0.75)
Sedgwick County										
Wichita	23	0846CST			0	0				Hail(0.75)
Occurred at Mid-Continent Airport.										
Wilson County										
1 N Neodesha	23	0846CST			0	0				Hail(1.75)
Butler County										
1 W Benton	23	0912CST			0	0				Hail(1.25)
Radio station KFDI.										
Neosho County										
3 N Galesburg	23	0912CST			0	0				Hail(0.75)
Wilson County										
4 E Altoona	23	0912CST			0	0				Hail(0.75)
Elk County										
5 W Howard	23	0925CST			0	0				Hail(0.75)
Sedgwick County										
2 SE Bentley	23	0925CST			0	0				Hail(0.75)
Harper County										
Attica	23	0926CST			0	0				Thunderstorm Wind (EG52)
Tree damage.										
Harper County										
Anthony	23	0933CST			0	0				Hail(1.00)
Chautauqua County										
Cedar Vale	23	0936CST			0	0				Hail(0.75)
Chautauqua County										
Elgin	23	0936CST			0	0				Hail(0.75)
Chautauqua County										
7 E Cedar Vale	23	0939CST			0	0				Thunderstorm Wind (EG56)
Harper County										
Harper	23	0939CST 0945CST			0	1		350K		Thunderstorm Wind (EG61)
Large tree fell onto mobile home. One woman injured, sustaining fractured vertebrae, requiring ambulance transport to Via Christi Regional Medical Center in Wichita where, upon arrival, the woman was listed in fair condition. (Narrative courtesy of Wichita Eagle, Winfield Courier, Anthony Republican, and Harper Advocate.)										
Harper County										
6 S Harper	23	0942CST			0	0		50K		Thunderstorm Wind (MG63)
Measured by KSN Weatherlab, Chaparral High School, where hail, although only 1/4 inch diameter, occasionally reached 6-inch										



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

KANSAS, Southeast

depths. Between 50 and 75% of the wheat crop, between 150,00 and 172,500 acres, destroyed. The destroyed wheat crop fell into two categories: 1) Headed wheat that was sliced and 2) Wheat that was completely shredded. Approximately 75% of the alfalfa crop, totalling 3,000 acres, was shredded. No dollar estimate in crop losses was available at the time of this report.

Butler County
4 N El Dorado

23 0944CST 0 0 Hail(0.88)

Harper County
Harper

23 0954CST
1000CST 0 3 75K Thunderstorm Wind (EG65)

Historic Red Barn, 115 years old and under renovation, collapsed. All three men pinned in the rubble were injured. One man required air med-evac to Wesley Medical Center in Wichita where, upon arrival, he was listed in critical condition. (By Friday Night, his condition had been upgraded to "fair".) A 2nd required ambulance transport to Via Christi Regional Medical Center in Wichita where he was listed in fair condition. The 3rd man did not seek medical attention. In addition, the following sustained significant damage: 12 homes, 4 businesses (including the Elko Building on west side of town that lost a 20 by 30 foot section of roofing on the west side of the structure causing the west wall to buckle inward), one shop, a camper that was blown over and rolled nearly 100 feet, and the roof of a carport that was dislodged and blown over the roof of the mobile home to which it had been attached. Obviously, damage to trees, power lines, and power poles was extensive. The latter two severed power to Harper for approximately 5 hours. (Narratives courtesy of Wichita Eagle, Winfield Daily Courier, Anthony Republican, and Harper Advocate.)

Harper County
Freeport

23 0958CST 0 0 Thunderstorm Wind (EG56)

Kingman County
2 S Adams

23 0958CST 0 0 Hail(0.75)

Kingman County
2 S Adams

23 0958CST 0 0 Thunderstorm Wind (EG61)

Sumner County
Conway Spgs

23 1010CST 0 0 Thunderstorm Wind (EG52)

Sumner County
2 NE Mayfield

23 1010CST 0 0 Hail(0.75)

Sumner County
2 NE Mayfield

23 1010CST 0 0 Thunderstorm Wind (EG52)

Sedgwick County
Viola

23 1018CST 0 0 Thunderstorm Wind (EG52)

Elk County
3 W Howard

23 1021CST 0 0 Hail(0.75)

Sedgwick County
3 NE Viola

23 1026CST 0 0 Thunderstorm Wind (EG52)

Sumner County
Wellington

23 1028CST 0 0 Hail(0.88)

Cowley County
7 S Udall

23 1029CST 0 0 Hail(1.00)

Sumner County
Wellington

23 1030CST 0 0 5K Thunderstorm Wind (EG56)

Washington Elementary sustained minor roof damage when a single tile fell into the school's multi-purpose room

Sumner County
4 W Belle Plaine

23 1031CST 0 0 Thunderstorm Wind (EG61)



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

April 2004								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
<u>KANSAS, Southeast</u>								
Sumner County								
Oxford	23	1043CST			0	0		Hail(0.75)
Cowley County								
Winfield	23	1047CST			0	0	10K	Thunderstorm Wind (EG56)
								Uprooted tree fell onto roof of a home. (Narrative courtesy Winfield Daily Courier)
Cowley County								
3 W Winfield	23	1047CST			0	0	85K	Thunderstorm Wind (MG66)
								Approximately 30% of the corn crop, 1,230 acres, 45% of the wheat crop, 28,000 acres, and 25% of the alfalfa crop, 2,000 acres, were all lost. An additional 4,770 acres was lost to soil erosion. Five farm dwellings and service buildings sustained unspecified damage, however no dollar estimate was available at the time of this report
Cowley County								
Winfield	23	1050CST			0	0		Hail(0.75)
Sedgwick County								
8 SW Maize	23	1050CST			0	0		Thunderstorm Wind (EG61)
Sedgwick County								
Wichita	23	1050CST			0	0	50K	Lightning
								Vacant building struck at 126 N. Emporia and set ablaze. No details as to type of building or it's purpose. (Narrative courtesy Wichita Eagle.)
Sedgwick County								
Wichita	23	1054CST			0	0		Thunderstorm Wind (EG52)
Butler County								
Rose Hill	23	1055CST			0	0		Thunderstorm Wind (EG52)
Cowley County								
2 N Winfield	23	1055CST			0	0	25K	Thunderstorm Wind (EG65)
								Two tractor-trailers, normally used for transporting cattle, overturned on Highway 77, closing the highway for one hour. Fortunately there were no injuires. Velocity estimate based on severe thunderstorm gust measured 3 miles west of Winfield at 1047 CST. (Narrative courtesy of Wichita Eagle and Winfield Daily Courier.)
Cowley County								
10 N Winfield	23	1055CST			0	0	10K	Thunderstorm Wind (EG61)
								Semi blown off Highway 77.
Cowley County								
Winfield	23	1055CST			0	0		Thunderstorm Wind (EG52)
								Six inch diameter branch fell in "Island" Park.
KSZ069								
	Butler							
	23	1114CST 1315CST			0	0		Flood
								In Douglass, Elm Street barricaded.
Cowley County								
Atlanta	23	1115CST			0	0		Thunderstorm Wind (EG61)
Cowley County								
Burden	23	1115CST			0	0		Thunderstorm Wind (MG59)
								KSN Weather Lab.
Cowley County								
Atlanta	23	1120CST			0	0	10K	Thunderstorm Wind (EG61)
								Power lines downed, severing power to Atlanta.
Cowley County								
Udall	23	1123CST			0	0	10K	Thunderstorm Wind (EG61)
								Power lines downed, severing power to Udall



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

									April 2004
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Elk County Grenola	23	1129CST			0	0			Hail(0.75)
Elk County Grenola	23	1129CST			0	0			Thunderstorm Wind (EG52)
Chautauqua County 7 E Cedar Vale	23	1135CST			0	0			Thunderstorm Wind (EG56)
Butler County Augusta	23	1138CST			0	0			Thunderstorm Wind (EG56)
Greenwood County Severy	23	1138CST			0	0			Thunderstorm Wind (EG52)
Butler County 2 N Augusta	23	1141CST			0	0			Thunderstorm Wind (EG52)
Butler County 2 N Augusta	23	1141CST			0	0			Thunderstorm Wind (EG52)
Montgomery County Elk City	23	1141CST			0	0			Thunderstorm Wind (EG56)
Elk County Howard	23	1150CST			0	0			Hail(0.75)
Greenwood County Severy	23	1155CST			0	0			Thunderstorm Wind (EG52)
Greenwood County Severy	23	1157CST			0	0			Thunderstorm Wind (EG52)
Greenwood County Severy	23	1157CST			0	0			Thunderstorm Wind (EG52)
Elk County Longton	23	1200CST			0	0			Hail(0.88)
Elk County Oak Vly	23	1240CST 2250CST			0	0			Flash Flood
		Highway 160 flooded.							
Harvey County Hesston	23	1640CST			0	0			Hail(0.75)
Sumner County 5 E South Haven	23	1640CST			0	0			Hail(0.75)
Cowley County 3 S Winfield	23	1722CST			0	0			Hail(0.75)
Cowley County 3 S Arkansas City	23	1733CST			0	0			Hail(0.75)
Cowley County 5 SW Arkansas City	23	1735CST 2215CST			0	0			Flash Flood
		332nd Rd. washed out.							
Cowley County 3 S Arkansas City	23	1735CST			0	0			Hail(1.00)
Cowley County 10 E Arkansas City	23	1735CST			0	0			Thunderstorm Wind (EG52)
Cowley County 10 E Arkansas City	23	1740CST			0	0			Hail(1.00)



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property		Character of Storm
					Killed	Injured	Crops			
<u>KANSAS, Southeast</u>										
Cowley County										
5 E Arkansas City	23	1742CST			0	0				Hail(0.88)
Sumner County										
1 S South Haven	23	1745CST 2215CST			0	0				Flash Flood
Intersection of Hoover Rd. and 170th Rd. flooded.										
Cowley County										
10 E Arkansas City	23	1749CST			0	0				Hail(0.88)
Cowley County										
15 NE Arkansas City	23	1750CST			0	0		25K		Thunderstorm Wind (EG65)
Barn blown down.										
Cowley County										
5 S Burden	23	1800CST			0	0				Hail(1.00)
Sumner County										
7 SW Geuda Spgs	23	1800CST			0	0				Hail(1.00)
Cowley County										
7 E Winfield	23	1803CST 2215CST			0	0				Flash Flood
171ST St. 1 North of Highway 160 flooded.										
Cowley County										
Arkansas City	23	1812CST			0	0				Hail(1.25)
Cowley County										
Cambridge	23	1813CST			0	0				Thunderstorm Wind (EG52)
Cowley County										
Arkansas City	23	1814CST			0	0				Hail(1.00)
Elk County										
Longton	23	1814CST			0	0				Hail(1.25)
Cowley County										
18 E Winfield	23	1815CST			0	0				Hail(1.75)
Cowley County										
Cambridge	23	1819CST			0	0				Hail(1.75)
Chautauqua County										
Cedar Vale	23	1820CST			0	0				Hail(0.75)
Chautauqua County										
7 NE Cedar Vale	23	1830CST			0	0				Hail(0.75)
Chautauqua County										
4 E Cedar Vale	23	1833CST			0	0				Thunderstorm Wind (EG61)
Chautauqua County										
4 NE Cedar Vale	23	1835CST			0	0				Hail(0.75)
Hail covered ground, making roads slick.										
Chautauqua County										
4 E Cedar Vale	23	1835CST			0	0				Hail(0.75)
Chautauqua County										
4 E Cedar Vale	23	1835CST			0	0				Thunderstorm Wind (EG61)
Wilson County										
6 N Fredonia	23	1835CST			0	0				Hail(0.75)
Chautauqua County										
1 N Sedan	23	1840CST			0	0		15K		Thunderstorm Wind (EG65)
Airport hangar roof damaged with door blown in.										



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>KANSAS, Southeast</u>									
Chautauqua County									
Sedan	23	1840CST			0	0	5K		Thunderstorm Wind (EG65)
			Windows to unspecified number of buildings blown in on Main St.						
Chautauqua County									
Hale	23	1855CST			0	0			Hail(0.88)
Elk County									
5 S Elk Falls	23	1855CST			0	0			Hail(1.75)
Elk County									
5 S Elk Falls	23	1855CST			0	0			Thunderstorm Wind (EG52)
Montgomery County									
4 N Havana	23	1900CST			0	0	10K		Thunderstorm Wind (EG56)
			Power lines downed.						
Montgomery County									
4 N Havana	23	1900CST			0	0	50K		Thunderstorm Wind (EG65)
			Unspecified number of barns and outbuildings destroyed.						
Wilson County									
Fredonia	23	1905CST			0	0			Hail(0.75)
Chautauqua County									
4 NE Hale	23	1910CST			0	0			Hail(0.75)
Chautauqua County									
Sedan	23	1919CST 2250CST			0	0	25K		Flash Flood
			Highway 99 underwater. Unspecified number of towns without power.						
Wilson County									
3 SE Altoona	23	1940CST			0	0			Thunderstorm Wind (EG52)
Neosho County									
3 SW Earlton	23	1947CST			0	0			Thunderstorm Wind (EG52)
Elk County									
3 W Elk Falls	23	1950CST 2250CST			0	0			Flash Flood
			Highway 160 flooded. Flash flooding in fields widespread.						
Labette County									
Altamont	23	1950CST			0	0	15K		Thunderstorm Wind (EG52)
			Downed power lines and power poles severed power to approximately 300 residents around 2000 CST. (Narrative courtesy of Parsons Sun.)						
KSZ094									
Elk	23	2037CST			0	0			Flood
	24	0200CST							
			Highway 160, flooded to depths of 1-2 feet, closed 1 mile east of Highway 99 (3 miles east of Moline)						
Montgomery County									
Independence	23	2136CST			0	0			Flash Flood
	24	1220CST							
			Many streets flooded.						
Wilson County									
Countywide	23	2138CST			0	0			Flash Flood
	24	1220CST							
			Numerous county and secondary roads flooded.						
Labette County									
Parsons	23	2154CST			0	0			Flash Flood
	24	0100CST							
			Numerous county and secondary roads flooded.						



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

KANSAS, Southeast

Saline County

Salina

30

0440CST

0

0

10K

Lightning

Tree top on south side of house struck. Side discharge punctured a hole in attic wall, traveled through the attic then down into a wall of a first-floor bedroom. A small section of wallpaper was peeled from the corner of the bedroom near ceiling, causing part of the wallboard to fall to the floor. (Narrative courtesy of the Salina Journal.